MCCAA-SMI-Laboratory Services
Scope of Accreditation

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ACCREDITATION INFORMATION - TESTING LABORATORY

Accreditation No.	012
Accreditation Certificate No.	012/17
Accredited according to	EN ISO/IEC 17025:2017
Accreditation Scope No.	S012/17
Date of issue of this Scope	Thursday, 18 January 2024

TESTING LABORATORY

Laboratory Locations

Location Details	Activity	Location Code
Address F22, Mosta Technopark, Mosta MST 3000	Testing of Construction Products	A

Site activities performed away from the locations listed above

Location Details	Activity	Location Code
Location indicated by Customer	Sampling, Road Markings and other tests as specified	B

Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Construction Material Testing			
Earthworks materials	Sampling from stockpiles	In-house procedure SM062, BS 1377-1:2016	B
Soils and Granular	Determining the deformation and strength characteristics of soil by the plate loading test	DIN 18134:2012	B
Aggregates	Determination of 10% fines value (soaked and dry)	BS 812-111:1990	A
Aggregates	Determination of aggregate crushing value (ACV)	BS 812-110:1990	A
Aggregates	Methods for reducing laboratory samples by riffling and quartering	EN 932-2:1999	A
Aggregates	Sampling from stockpiles (coarse or fine aggregates)	EN 932-1:1997	B

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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Aggregates	Determination of particle size distribution - sieving method	EN 933-1:2012	A
Aggregates	Determination of particle shape - flakiness index	EN 933-3:2012	A
Aggregates	Determination of the water content by drying in a ventilated oven	EN 1097-5:2008	A
Aggregates	Determination of resistance to fragmentation by the Los Angeles test method	EN 1097-2:2020	A
Bituminous mixtures	Soluble binder content by difference, using centrifuge extraction method (procedure B 1.5)	EN 12697- 1 :2020	A
Bituminous mixtures	Determination of the particle size distribution	EN 12697- 2:2015 + A:2019	A

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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Bituminous mixtures	Determination of the maximum density (volumetric, hydrostatic and by calculation)	EN 12697- 5:2018	A
Bituminous mixtures	Determination of bulk density (dry, saturated surface dry, sealed specimen, by dimensions) using procedure B	EN 12697-6:2020	A
Bituminous mixtures	Determination of void characteristics of bituminous specimens	EN 12697-8:2018	A
Bituminous mixtures	Temperature measurement during: - laying	EN 12697-13:2017	B
Bituminous mixtures	Determination of the dimensions of a bituminous specimen	EN 12697-29:2020	A
Bituminous mixtures	Marshall test	EN 12697-34:2020	A

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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Bituminous mixtures	Sampling from the material around the augers of the paver	EN 12697-27:2017	B
Bituminous mixtures	Specimen preparation by impact compactor with wooden pedestal	EN 12697-30:2018	A
Bituminous mixtures	Sampling of bituminous mixtures by coring	EN 12697-27:2017	B
Bituminous mixtures	Preparation of samples for determining binder content, water content and grading	EN 12697-28:2020	A
Hardened Concrete	Shape, dimensions and tolerances of cast concrete test specimens in the form of cubes, cylinders, prisms	EN 12390-1:2021	A
Hardened Concrete	Making and curing concrete cubes for strength tests	EN 12390-2:2019	A

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Hardened Concrete	Determination of the compressive strength of test specimens	EN 12390-3:2019	A
Hardened Concrete	Determination of the density of hardened concrete cubes	EN 12390-7:2019 (Clause 6.5.2 & 6.5.3 Mass in Air and Water) (Clause 6.5.4 Calculate the volume of the specimen) (Clause 6.6 Volume obtained by measurement)	A
Fresh Concrete	Sampling of fresh concrete (composite sampling and/or by spot sampling)	EN 12350-1:2019	B
Fresh Concrete	Making and curing concrete cubes for strength tests	EN 12390-2:2019	B
Fresh Concrete	Determining the consistence of fresh concrete by the slump test	EN 12350-2:2019	B
Road marking materials	Road marking performance for road users - retroreflectivity	EN 1436:2018 and RSMA Standard Specification 2009 - Annex Z	B

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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Road marking materials	Road marking performance for road users - luminance	EN 1436:2018 and RSMA Standard Specification 2009 - Annex X	B
Road marking materials	Road marking performance for road users - dry film thickness	In-house procedure SM061	B
Roads	Travelling beam for longitudinal and transverse regularity	In-house procedure SM060	B

END OF SCOPE

This scope of accreditation may be revised from time to time by NAB-MALTA. The most recent version of this scope may be found from the NAB-MALTA website. Nevertheless, as technical issues may hinder the immediate update of the website, and in case of any difficulty, contact the NAB-MALTA on +356 23952510 or by sending an email to 'info@nabmalta.org.mt'.